

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. Of: FERRAND et al.

Serial No.: 09/582,256

Filed: June 22, 2000

For: PASSIVE Q-SWITCHED MICROLASER WITH CONTROLLED...

Group: 2828

Examiner: JEFFREY N. ZAHN

DOCKET: Brev 12923

Assistant Commissioner of Patents & Trademarks
Washington, D.C. 20231

FAX RECEIVED

MAR 28 2003

TECHNOLOGY CENTER 280

SUPPLEMENTAL AMENDMENT B UNDER RULE 116

Dear Sir:

Supplementing Amendment B under Rule 116 filed March 17, 2003 in response to the
Final Action mailed December 18, 2002, please amend the Application as follows:

IN THE CLAIMS:

Please amend claim 17 to read as follows:

17. (Thrice Amended) A laser cavity comprising:

a substrate made of a doped or undoped active laser material $Y_3Al_5O_{12}$ (YAG) on which
a monocrystalline layer of saturable absorbent material made of doped YAG is deposited
directly by liquid phase epitaxy, in which said active laser material has a [100] orientation, and
said monocrystalline layer of saturable absorbent material is deposited with the same [100]
orientation;

an entry mirror; and

an exit mirror;

wherein said doped or undoped active laser material YAG, said monocrystalline layer of
saturable absorbent material made of doped YAG deposited directly on said active laser

HAYES SOLOWAY P.C.
130 W. CUSHING ST.
TUCSON, AZ 85701
TEL. 520.882.7623
FAX. 520.882.7643

175 CANAL STREET
MANCHESTER, NH 03101
TEL. 603.668.1400
FAX. 603.668.8567

HAYES SOLOWAY, P.C.

130 W. Cushing Street
Tucson, Arizona 85701
Telephone (520) 882-7623
Facsimile (520) 882-7643

FAX RECEIVED
MAR 28 2003
TECHNOLOGY CENTER 2800

Client-Matter Number
BREV 12923

March 28, 2003

TELECOMMUNICATION INFORMATION COVER SHEET

The information contained in this Facsimile message is attorney/client privileged and confidential information intended only for the use of the individual(s) named below. If the reader of this message is not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited! If you have received this communication in error, please immediately notify us by telephone, and return the original message to us at the above address via the U.S. Postal Service. If you have received this communication in error, please DO NOT MAKE ANY COPIES of it. Thank You.

TOTAL NUMBER OF PAGES INCLUDING THIS COVER PAGE: 5

TO: Examiner
Jeffrey N. Zahn
(Group 2828)

UNITED STATES
PATENT &
TRADEMARK
OFFICE

FACSIMILE NO.:
(703) 872-9319

FROM: Norman P. Soloway, Esq.

MESSAGE:

SUPPLEMENTAL AMENDMENT B UNDER RULE 116

In re Appln. Of: **FERRAND et al.**
Serial No.: 09/582,256
Filed: June 22, 2000
For: PASSIVE Q-SWITCHED MICROLASER WITH CONTROLLED...
Group: 2828
Docket: BREV 12923

Received: 1. Supplemental Amendment B under Rule 116 (2 pgs)
2. Marked claims w/cover sheet (2 pgs)

03/28/03 nm

IF YOU DO NOT RECEIVE ALL PAGE(S), PLEASE CALL KIM AT (520) 882-7623.